1/9 FIG. 1A

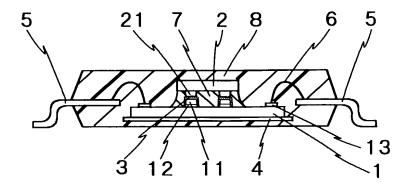


FIG. 1B

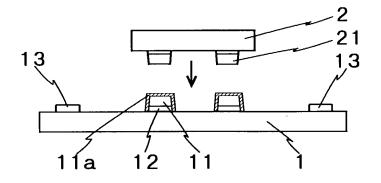
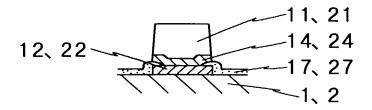


FIG. 1C



2/9 FIG. 2A

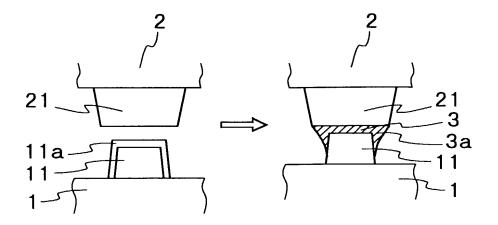


FIG. 2B

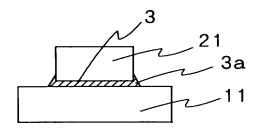
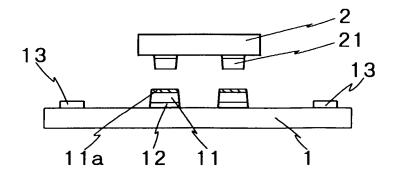


FIG. 3



3/9

FIG. 4A

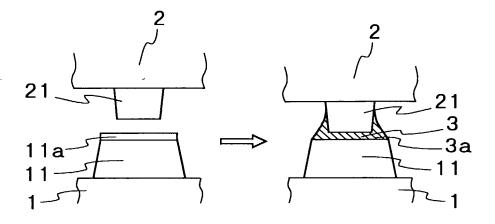


FIG. 4B

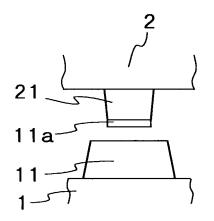
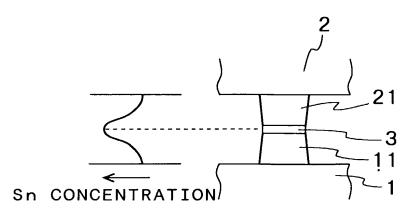


FIG. 5



4/9

FIG. 6

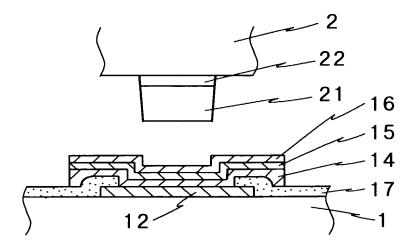


FIG. 7

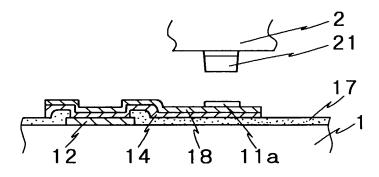
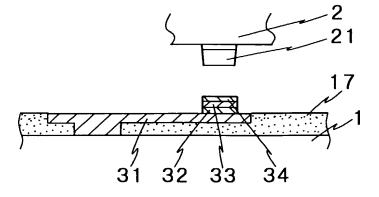


FIG. 8



5/9 FIG. 9

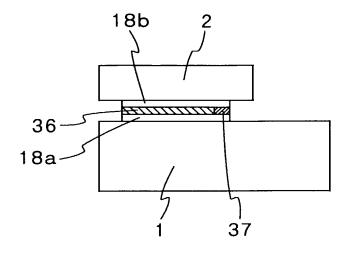


FIG. 10

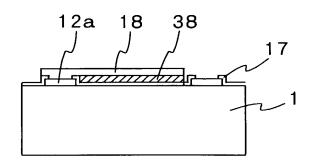
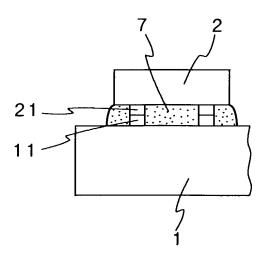


FIG. 11



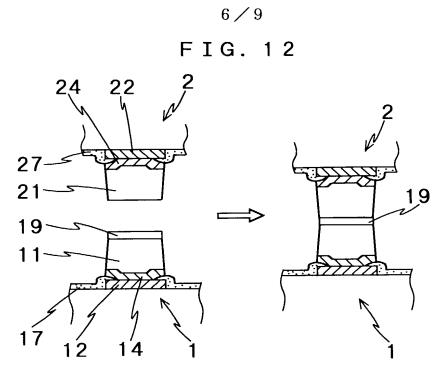


FIG. 13A

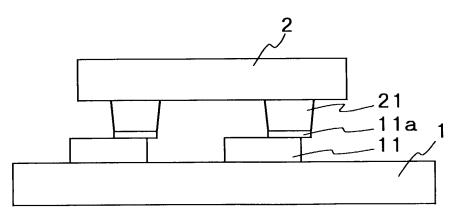
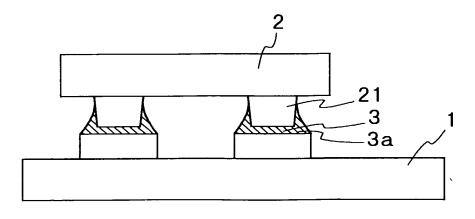


FIG. 13B



7/9

FIG. 14A

LIQUID PHASE DIFFUSION

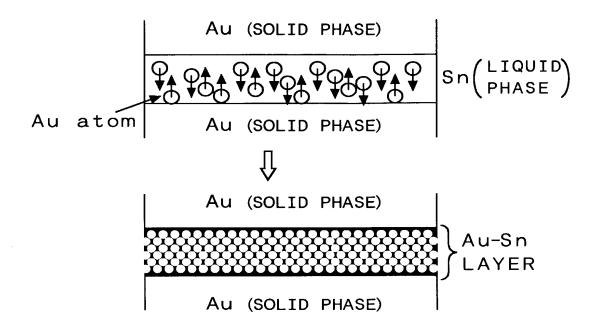
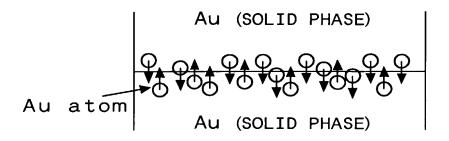
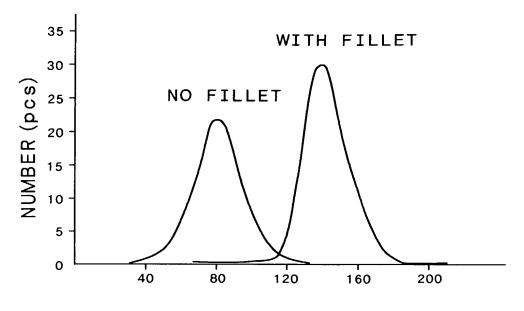


FIG. 14B

SOLID PHASE DIFFUSION

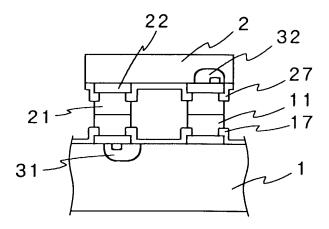


8/9 FIG. 15



SHEARING STRENGTH (N/mm²)

FIG. 16



9/9 FIG. 17

